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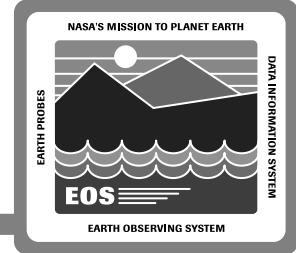
# IST Analysis Request

## Kevin Robair

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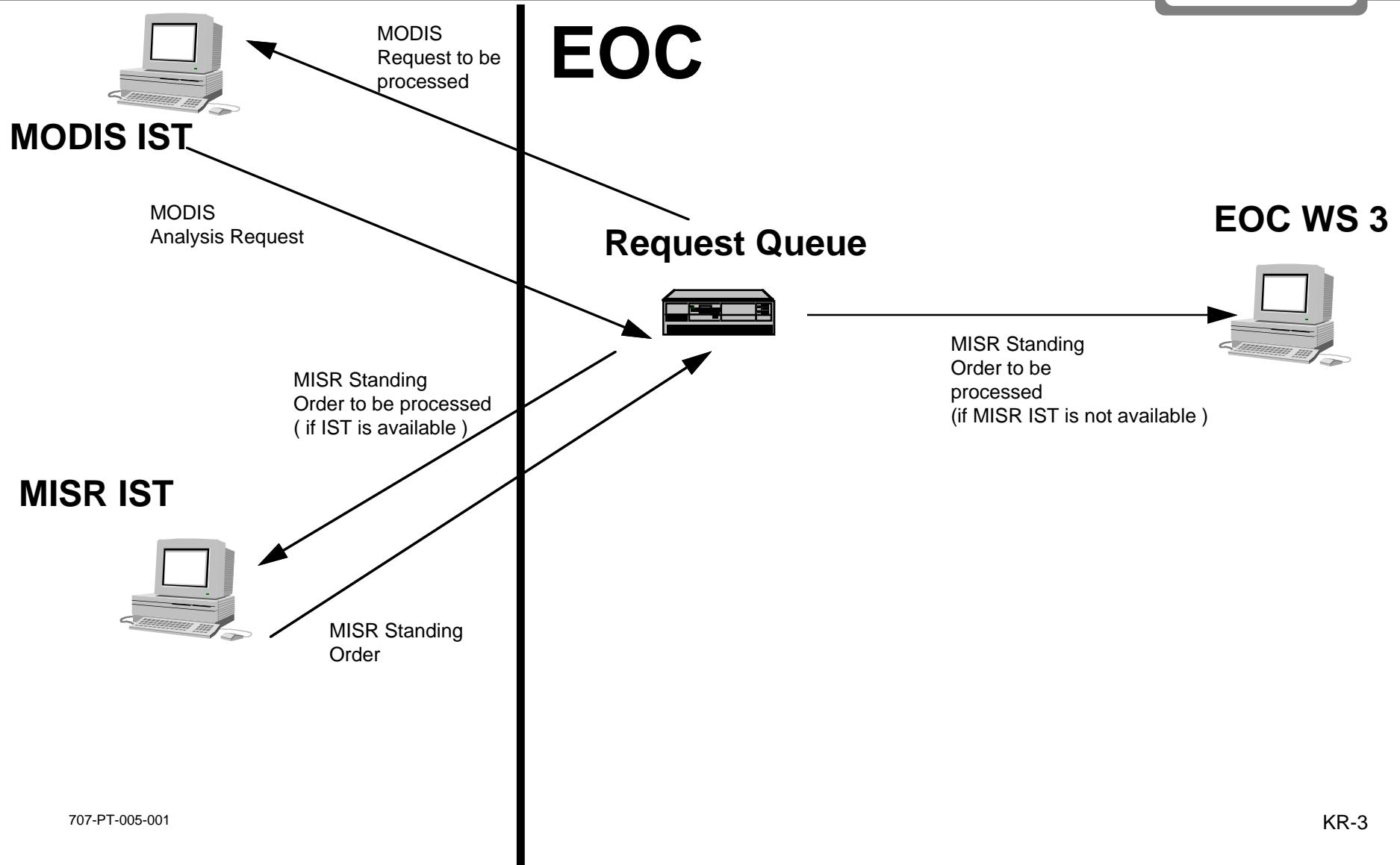
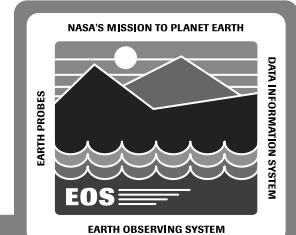
24 August 1995

# IST Analysis Processing

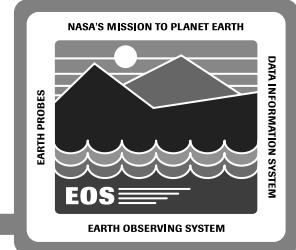


- IST May Submit Analysis Requests to the Request Queue
  - Plots
  - Tables
  - Statistics
  - User defined algorithms
- Request Will Be Processed at the IST Unless IST is Not Available
- IST Analysis Requests Will be Processed at the EOC On a Limited Basis
  - Number of simultaneous IST Analysis requests is configurable
  - May be set to zero during spacecraft emergencies
  - Analysis Results will be available when IST user logs in and checks Analysis Request status

# IST Analysis Request Architecture

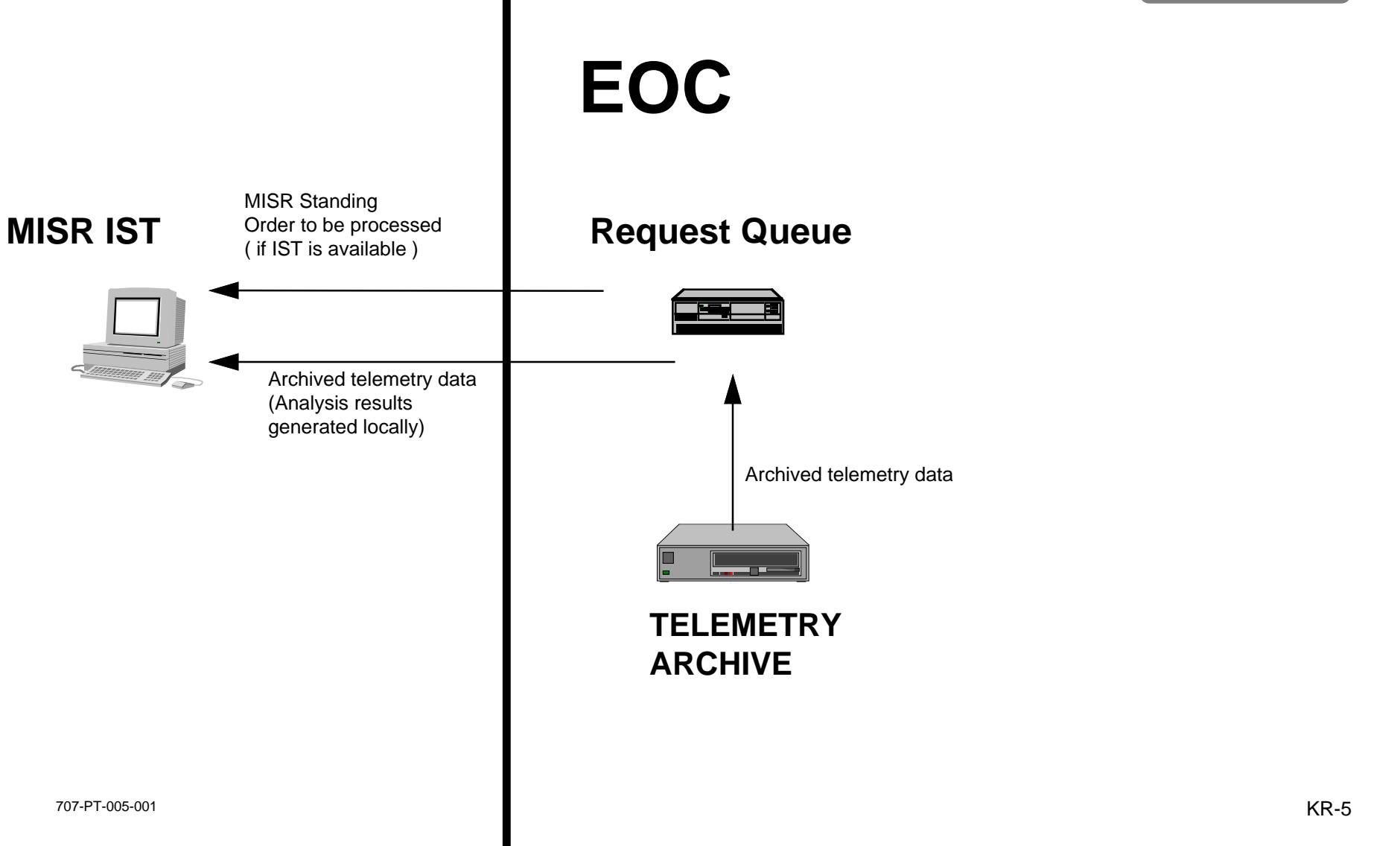
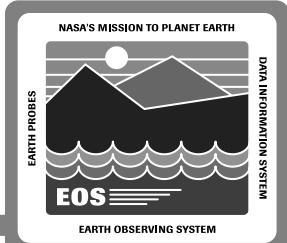


# IST Analysis Request Scenario

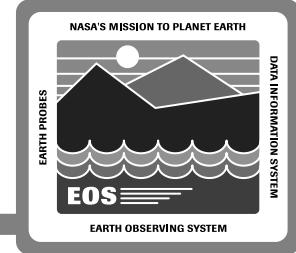


- Analysis Request Submitted to the EOC Request Queue From IST
  - Number of simultaneous requests limited by EOC network resources used in access to archived data
  - IST requests may wait in EOC Request Queue until EOC network resources are free, even though IST is idle
- Request Queue Submits Request to IST for Processing
- Analysis Results are Available Locally at IST Upon Completion

# IST Analysis Request Performed at IST

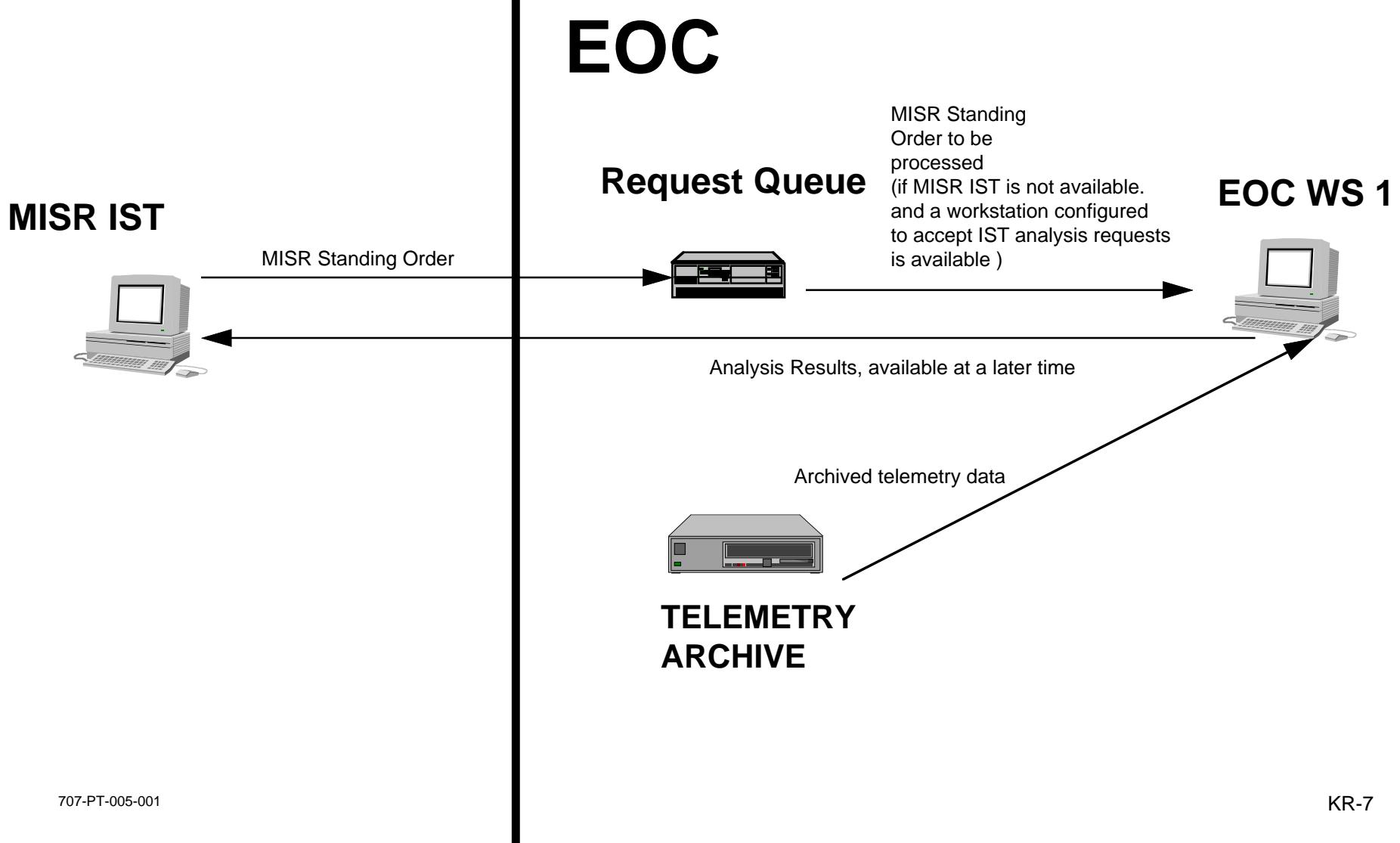
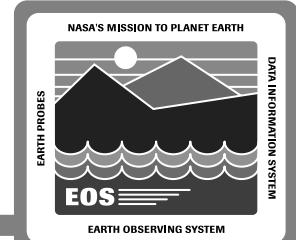


# IST Analysis Request Performed at EOC

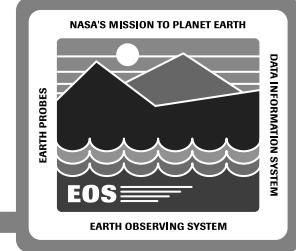


- IST Submits Analysis Request or Standing Order to the EOC
- IST User Logs Off and Shuts Down Machine
- IST Analysis Request Waits in EOC Queue Until Resources are Available
- If EOC Workstation is Available to Process IST Analysis Requests, the Analysis Request is Submitted to That Workstation
- If EOC Workstation is Not Available, Then the Analysis Request Remains in the Queue Until a Machine is Available
- IST User Logs in to See Check Analysis Request Status
- Results are Available if Analysis Request was Processed, Otherwise the Analysis Request Will be Submitted to the IST

# IST Analysis Request Performed In EOC



# Instrument Workshop Discussion Topics



**What Are the Instrument Workstation Platforms?**

**Feedback on FOS Reports**

- Feedback on Screen Mock-ups

**Planning and Scheduling**

- How Activities Get Built From a BAP?
- How Commands Get Built and Used Getting Data From the Planning Aids?

**Instrument Questions ???**